

Administrative - Internal Use Only**ROUTING AND RECORD SHEET**

SUBJECT: (Optional)

Copying Equipment Safeguards

DD/A Registry

83-1388

FROM:

Chief/Printing & Photography Div.
Rm. 158
P&PD

EXTENSION

NO.

DATE

24 May 1983

TO: (Officer designation, room number, and building)

DATE

RECEIVED

FORWARDED

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1. Deputy Director for Admin.
7D24
Headquarters

27 MAY 1983

2.

ADDA

31 MAY 1983

3.

EO

31 MAY 1983

31 MAY 1983

4.

Registry

5.

6.

DD/A REGISTRY

7.

FILE: 45-12

8.

9.

10.

11.

12.

13.

14.

15.

1. Attached is a list of methods which are presently under investigation which may provide improved safeguards against unauthorized copying of classified information.

2. Methods 1 through 4 are intended to prevent copying. The remaining 4 methods are possible means for tracing unauthorized copying.

3. Most of the methods are still in a research stage and final results are unavailable. It is my understanding that ORD and OS are conducting a study in this area which is probably more advanced than the methods P&PD has looked at.

4. DC/P&PD, is available for any additional information you may need.If you can live with a background overprinting, method 5 can be implemented within 90-120 day timeframe

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- Method #1 - Venetian Blind Tape from 3M Company, Effective, but obvious and detracting.
- Method #2 - Imbedding Chemicals, Not Available.
- Method #3 - Special Paper from Boise Cascade, Study currently underway by OS and ORD, awaiting results.
- Method #4 - Safety Paper Research by Bureau of Engraving and Printing, Department of Treasury, awaiting results.
- Method #5 - Ink Jet Numbering; each page can be overprinted with a large copy number which is reproduced if a page is copied. Extremely expensive - needs research - possibly up to \$250,000 to implement.
- Method #6 - Overprinting copy numbers in several places on each page.*
- Method #7 - Overprinting special codes on selected pages.*
- Method #8 - Publish two versions (Internal - External).

* For a limited number of copies only.

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